

May 21, 2018

City of Eureka 4301 Hilfiker Lane Eureka, CA 95503

Attn: David Adams

RE: Pacific Choice

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	Outfall 001
01B	Outfall 001

Order No.: 1805084 Invoice No.: 140083

PO No.:

ELAP No.1247-Expires July 2018

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative
All solid results are expressed on a wetweight basis unless otherwise noted.

Approved for release by:

Roxanne Moore, Project Manager

Date: 21-May-2018 **WorkOrder:** 1805084

CASE NARRATIVE

The sample was received outside the EPA recommended temperature of less than or equal to 6° C.

Date: 21-May-2018

WorkOrder: 1805084

ANALYTICAL REPORT

Client Sample ID: Outfall 001 Received: 5/3/2018

Lab ID: 1805084-01A **Collected:** 5/3/2018 14:50

Test Name: Hexane Extractable Oil and Grease Reference: EPA 1664B

 Parameter
 Result oil and Grease
 Result selection
 Extracted selection
 Analyzed selection

 Oil and Grease
 8.6
 4.6 mg/L
 0.92
 5/14/2018
 5/17/2018

Client Sample ID: Outfall 001 Received: 5/3/2018

Lab ID: 1805084-01B Collected: 5/3/2018 14:50

Test Name: Biochemical Oxygen Demand Reference: SM 5210B, 2001. Revs 2011

ParameterResultFlagLimitUnitsDFExtractedAnalyzedBiochemical Oxygen Demand3202.0mg/L1.05/4/2018

Test Name: Non-Filterable Residue (TSS) Reference: SM 2540D, 1997. Revs 2011

ParameterResultFlagLimitUnitsDFExtractedAnalyzedNon-Filterable Residue(TSS)1301.0mg/L1.05/9/2018

North Coast Laboratories, Ltd.

CLIENT: City of Eureka

Work Order: 1805084

Project: Pacific Choice

QC SUMMARY REPORT

Method Blank

Date: 5/21/2018

Sample ID MBLK	Batch ID: R95493	Test Code:	1664GOW	Units: mg/L		Analysis Date 5/17/2018 11:00:00 AM	Prep Date 5/14/2018	8
Client ID:	Button 13. 11.00 100	Run ID:	WC_180514J			SeqNo: 1358957		•
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit HighLimit RPD Ref Val	%RPD RPDLimit	Qual
Oil and Grease	ND	5.0						
Sample ID MBLK	Batch ID: R95383	Test Code:	NFRW	Units: mg/L		Analysis Date 5/9/2018	Prep Date	
Client ID:		Run ID:	WC_180509F	I		SeqNo: 1357576		
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit HighLimit RPD Ref Val	%RPD RPDLimit	Qual
Non-Filterable Residue(TSS)	ND	1.0						

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

CLIENT: City of Eureka

Work Order: 1805084

Project: Pacific Choice

QC SUMMARY REPORT

Laboratory Control Spike

Date: 5/21/2018

Sample ID LCS	Batch ID: R95493	Test Code:	: 1664GOW	Units: mg/L		Analysis	Date 5/17	/2018 11:00:00 AM	Prep Da	ate 5/14/201	8
Client ID:		Run ID:	WC_180514J	J		SeqNo:	1358	958	·		
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil and Grease	36.40	5.0	40.0	0	91.0%	80	107	0			
Sample ID LCSD	Batch ID: R95493	Test Code:	: 1664GOW	Units: mg/L		Analysis	s Date 5/17	/2018 11:00:00 AM	Prep Da	ate 5/14/201	8
Client ID:		Run ID:	WC_180514J			SeqNo:	1358	959			
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil and Grease	39.20	5.0	40.0	0	98.0%	80	107	36.4	7.41%	18	

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Pacific Choice

CLIENT: City of Eureka
Work Order: 1805084

Project:

1805084 QC SUMMARY REPORT

BOD Organic Standard

Date: 5/21/2018

Sample ID ORG STD	Batch ID: R95367	Test Code:	BODW	Units: mg/L		Analysis	Date 5/4/2	018 10:00:00 AM	Prep Da	ate	
Client ID:		Run ID:	WC_180504E	:		SeqNo:	13573	395			
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biochemical Oxygen Demand	198.3	2.0	200	0	99.2%	85	115	0			

B - Analyte detected in the associated Method Blank

	NORTH COAST LABORATORIES LTD.
W	5680 West End Road • Arcata • CA 95521-9202

Chain of Custody

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Results & Invoice to: City of Eureka Source Control Address: 4301 Hilffiker Lane., Eureka, CA 95503 e-results to: sourcecontrol@ci.eureka.ca.gov Phone: (707) 441-4362 Copies of Report to: Pacific Choice Seafood 1 Commercial St. Eureka CA 95001 Sampler (Sign & Print): David Adams PROJECT INFORMATION Project Number: RUSH SAMPLES. REPORTING REQUIREMENTS: Geotracker SWAMP Other EDD: Final Report PDF FAX By: CONTAINER CODES: 1—½ gal. pl; 2—250 ml p 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—40 ml VOA; 9—60 ml VOA; 10—125 ml VOA; 11—4 oz gla 12—8 oz glass jar; 13—brass tube; 14—other			
e-results to: sourcecontrol@ci.eureka.ca.gov Phone: (707) 441-4362 Copies of Report to: Pacific Choice Seafood 1 Commercial St. Eureka CA 95001 Sampler (Sign & Print): David Adams PROJECT INFORMATION Project Number: Project Number: REPORTING REQUIREMENTS: State Forms Geotracker SWAMP Other EDD: Final Report PDF FAX By: CONTAINER CODES: 1—½ gal. pl; 2—250 ml p 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—40 ml VOA; 9—60 ml VOA; 10—125 ml VOA; 11—4 oz gla 12—8 oz glass jar; 13—brass tube; 14—other	Attention: David adams Results & Invoice to: City of Eureka Source Control Address: 4301 Hilfiker Lane., Eureka, CA 95503	PRESERVATIVE b	PRIOR AUTHORIZATION IS REQUIRED FOR
Sampler (Sign & Print): David Adams PROJECT INFORMATION Project Number: David Adams David Ada	e-results to: sourcecontrol@ci.eureka.ca.gov Phone: (707) 441-4362 Copies of Report to: Pacific Choice Seafood		☐ State Forms ☐ Geotracker ☐ SWAMP ☐ Other EDD:
	Sampler (Sign & Print): David Adams PROJECT INFORMATION Project Number: Project Name: Pacific Choice	ANALYSIS 1664HEM BOD/TSS	6—500 ml BG; 7—1 L BG; 8—40 ml VOA; 9—60 ml VOA; 10—125 ml VOA;11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other PRESERVATIVE CODES: a—HNO ₃ ; b—HCl; c—H ₂ SO ₄ ; d—Na ₂ S ₂ O ₃ ; e—NaOH; f—C ₂ H ₃ O ₂ Cl; g—other
LAB ID SAMPLE ID DATE TIME MATRIX* Outfall 001 05/03/18 1450 Eff OTHER MATRIX* OUTFALL INSTRUCT OUTFALL INSTRU			SAMPLE CONDITION/SPECIAL INSTRUCTIONS O O O O O O O O O O O O O
RELINQUISHED BY (Sign & Print) DATE/TIME RECEIVED BY (Sign) DATE/TIME SAMPLE DISPOSAL NCL Disposal of Non-Contaminated NCL Disposal of Non-Contaminated Return Pickup CHAIN OF CUSTODY SEALS Y/N/NA		si Silu 5/3/18	NCL Disposal of Non-Contaminated □ Return □ Pickup

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

SHIPPED VIA: UPS Fed-Ex Hand

^{*}MATRIX: DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; WW=Waste Water; S=Soil; O=Other.